

10/645303 Best results  
NETWORKED METERED PARKING SYSTEM

18/5/3 (Item 3 from file: 350) [Links](#)

Derwent WPIX

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0014901540 *Drawing available*

WPI Acc no: 2005-249313/200526

Parking meter using wireless LAN and method for collecting parking fees thereof, concerned with processing rapidly a parking fee collection process by using the wireless LAN as a broadband communication network

Patent Assignee: KT CORP (KTKT-N)

Inventor: BYUN U S; LEE J H; YOO H R

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2004097560	A	20041118	KR 200329892	A	20030512	200526	B

Alerting Abstract KR A

NOVELTY - A parking meter using a wireless LAN and a method for collecting parking fees thereof are provided to process rapidly a parking fee collection process by using the wireless LAN as a broadband communication network.

DESCRIPTION - A vehicle kind identification unit(21) detects an entrance time of a vehicle and classifies and identifies a vehicle class. A wireless LAN station(25) exchanges a VST(Vehicle Service Table) of the vehicle with transactions for processing the parking fees in a reset process in order to minimize the number of the transactions. An authentication unit(22) performs an authentication process and a security process corresponding to a smart card inserted into the VST. A parking control unit(26) controls each component, generates a serial number according to the entrance time of the vehicle, manages transactions according to entrance orders, and imposes parking fees to the VST of the corresponding vehicle. A switching unit opens or shuts a gate of a parking lot according to a processed result of the parking fees.

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19/3,K/1 (Item 1 from file: 2) [Links](#)

INSPEC

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06798064 INSPEC Abstract Number: B9802-6250-027

Title: Wireless relay networks

Author Guthery, S.

Author Affiliation: CertCo, Cambridge, MA, USA  
Journal: IEEE Network vol.11, no.6 p. 46-51  
Publisher: IEEE,  
Publication Date: Nov.-Dec. 1997 Country of Publication: USA  
CODEN: IENEET ISSN: 0890-8044  
SICI: 0890-8044(199711/12)11:6L;46:WRN;1-A  
Material Identity Number: J991-97006  
U.S. Copyright Clearance Center Code: 0890-8044/97/\$10.00  
Language: English  
Subfile: B  
Copyright 1998, IEE  
Title: Wireless relay networks

Abstract: ...discussion of relay star networks using examples and an extended discussion of a protocol for wireless data collection on relay star networks. The target application for this work is data collection on networks of fixed low-cost, low-data-rate environmental monitors such as urban terminals (parking meters, pay telephones, fire alarm boxes, distress call stations, etc.) and utility meters (water, electricity, gas...  
Identifiers: wireless relay networks...

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19/3,K/2 (Item 1 from file: 583) [Links](#)

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06292740

Cola-TrUume per Mobilfunk

GERMANY: NEW GSM MODULE BY SIEMENS

Markt & Technik ( MUT ) 22 Mar 1996 p.1,11

Language: GERMAN

...PN (private communication systems) division of German Siemens introduces a new GSM module M1 for wireless data communication, ready to go into production. It is to be used as a multi-usage black... ..M1 module can also be used in mobile or stationary measuring and surveillance devices. Also parking meters and vending machines can be equipped with the data communication module. A second GSM module...

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24/3,K/5 (Item 1 from file: 810) [Links](#)

Business Wire

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0716480 BW0115

GREENLAND CORP : Greenland Corp. signs representative agreement for AirLink automated meter-reading system for parking meters

June 23, 1997

Byline: Business Editors

...with IPEC places Greenland in the position of being the first to offer fixed network, wireless meter-reading technology for parking meters. We are hopeful that IPEC's efforts on behalf of Greenland will be successful in...

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